

**S/N 10/624,458****PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Andrew P. Kramer et al. Examiner: Kennedy Schaetzle  
Serial No.: 10/624,458 Group Art Unit: 3766  
Filed: July 21, 2003 Docket: 279.340US3  
Title: AUTOMATIC SELECTION FROM MULTIPLE CARDIAC OPTIMIZATION  
PROTOCOLS

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**COMMUNICATION CONCERNING RELATED APPLICATIONS****Mail Stop RCE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related applications in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date/Issue Date</u>	<u>Attorney Docket</u>	<u>Title</u>
09/075,278 6,144,880	May 8, 1998	279.090US1	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
09/492,911 6,360,127	January 20, 2000	279.090US2	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
09/661,608 6,351,673	September 14, 2000	279.090US3	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
10/008,830 6,542,775	December 7, 2001	279.090US4	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
09/810,082	March 16, 2001	279.340US1	AUTOMATIC SELECTION FROM MULTIPLE CARDIAC OPTIMIZATION PROTOCOLS
10/206,131	July 26, 2002	279.423US1	METHOD AND APPARATUS FOR OPTIMIZING CARDIAC PUMPING PERFORMANCE
10/099,865 6,963,777	March 13, 2002	279.424US1	CARDIAC RHYTHM MANAGEMENT SYSTEM AND METHOD USING TIME BETWEEN MITRAL VALVE CLOSURE AND AORTIC EJECTION
09/995,255 6,597,951	November 27, 2001	279.340US2	AUTOMATIC SELECTION FROM MULTIPLE CARDIAC OPTIMIZATION PROTOCOLS

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Title: AUTOMATIC SELECTION FROM MULTIPLE CARDIAC OPTIMIZATION PROTOCOLS

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Dkt: 279.340US3

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10/352,780 7,013,176	January 28, 2003	279.457US1	METHOD AND APPARATUS FOR SETTING PACING PARAMETERS IN CARDIAC RESYNCHRONIZATION THERAPY
09,993,351 6,832,113	November 16, 2001	279.487US1	NON-INVASIVE METHOD AND APPARATUS FOR CARDIAC PACEMAKER PACING PARAMETER OPTIMIZATION AND MONITORING OF CARDIAC DYSFUNCTION
10/314,910 7,110,817	December 9, 2002	279.558US1	METHOD AND APPARATUS FOR OPTIMIZING VENTRICULAR SYNCHRONY DURING DDD RESYNCHRONIZATION THERAPY USING ADJUSTABLE ATRIO- VENTRICULAR DELAYS
10/314,899	December 9, 2002	279.559US1	METHOD AND APPARATUS FOR OPTIMIZING STROKE VOLUME DURING DDD RESYNCHRONIZATION THERAPY USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
10/243,811 6,684,103	September 13, 2002	279.090US5	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
10/615,201 6,856,836	July 7, 2003	279.090US6	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
10/615,202 6,859,665	July 7, 2003	279.090US7	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
10/941,427	September 15, 2004	279.487US2	NON-INVASIVE METHOD AND APPARATUS FOR CARDIAC PACEMAKER PACING PARAMETER OPTIMIZATION AND MONITORING OF CARDIAC DYSFUNCTION
11/049,181	February 2, 2005	279.090US8	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
11/463,176	August 8, 2006	279.558US2	METHOD AND APPARATUS FOR OPTIMIZING VENTRICULAR SYNCHRONY DURING DDD RESYNCHRONIZATION THERAPY USING ADJUSTABLE ATRIO- VENTRICULAR DELAYS

COMMUNICATION CONCERNING RELATED APPLICATIONS

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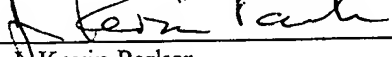
Title: AUTOMATIC SELECTION FROM MULTIPLE CARDIAC OPTIMIZATION PROTOCOLS

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Dkt: 279,340US3

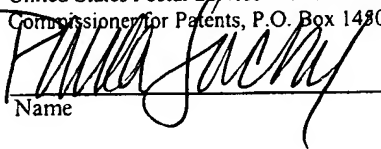
Continuations and divisionals may be later filed on the cases listed above, or cited to the Examiner in any previous Communication Concerning Related Applications. Applicants request that the Examiner review all continuations and divisionals of the above-listed or previously-cited patent applications before allowing the claims of the present patent application.

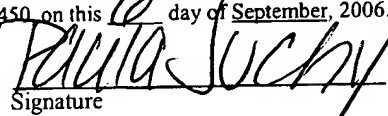
Respectfully submitted,  
ANDREW P. KRAMER ET AL.

By Applicants' Representatives,  
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
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Date 9-6-06 By   
J Kevin Parker  
Reg. No. 33,024

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Name

  
Signature

**S/N 10/624,458**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Andrew P. Kramer et al.	Examiner:	Kennedy Schaetzle
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Filed:	July 21, 2003	Docket:	279.340US3
Title:	AUTOMATIC SELECTION FROM MULTIPLE CARDIAC OPTIMIZATION PROTOCOLS		

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**INFORMATION DISCLOSURE STATEMENT**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

**INFORMATION DISCLOSURE STATEMENT**

Serial No : 10/624,458

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Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications, and Non-Published Applications identifiable by USPTO Serial Number, are no longer required to be provided to the Office. Notification of this change to this effect was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004 and October 19, 2004. Thus, Applicant has not included copies of any US Patents or US Patent Applications identifiable by serial number that may be cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

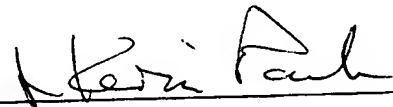
The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,  
ANDREW P. KRAMER ET AL.

By their Representatives,  
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(847) 432-7302

Date 9-6-06

By

  
J. Kevin Parker  
Reg. No. 33,024

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Name

Signature

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

<b>Application Number</b>	10/624,458
<b>Filing Date</b>	July 21, 2003
<b>First Named Inventor</b>	Kramer, Andrew
<b>Group Art Unit</b>	3766
<b>Examiner Name</b>	Schaetzle, Kennedy

Sheet 1 of 5

Attorney Docket No: 279.340US3

**US PATENT DOCUMENTS**

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**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Group Art Unit	3766
Examiner Name	Schaetzle, Kennedy

Sheet 2 of 5

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**US PATENT DOCUMENTS**

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	US-6,512,952	01/28/2003	Stahmann, Jeffrey E., et al.	12/26/2000
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**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

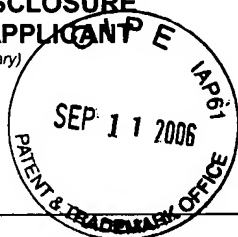
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**FOREIGN PATENT DOCUMENTS**

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	WO-9958191A1	11/18/1999	Ding, J., et al.	

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Itamar Medical and Medtronic Announce Further Cooperation to Advance Diagnostic Innovation", <u>Business Wire</u> , pg. 1254, Full text provided by Dialog, (May 9, 2000), 2 pgs	
		"Noninvasive MIKRO-TIP Pulse Pressure Transducer Model SPT-301", <u>Millar Instruments, Inc., Product Information</u> , (2000), 1 pg.	
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**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

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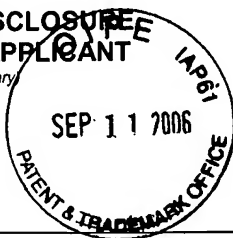


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Sheet 4 of 5

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**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		CHA, KAREN, et al., "Images in clinical medicine. Pulsus alternans", <u>The New England Journal of Medicine</u> , 334(13), (Mar. 28, 1996), 834	
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**EXAMINER****DATE CONSIDERED**

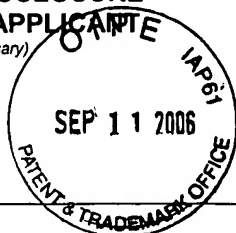
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/624,458
Filing Date	July 21, 2003
First Named Inventor	Kramer, Andrew
Group Art Unit	3766
Examiner Name	Schaetzle, Kennedy

Sheet 5 of 5

Attorney Docket No: 279.340US3

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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